

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 34869-230505 U.S. APPLICATION NO. unknown, see 37 CFR 1.5) Not Yet Assigned
INTERNATIONAL APPLICATION NO. PCT/JP2004/015891	INTERNATIONAL FILING DATE 27 October 2004	PRIORITY DATE CLAIMED 4 November 2003
TITLE OF INVENTION ECHO CANCELLER		
APPLICANT(S) FOR DO/EO/US Masashi TAKADA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) (in Japanese). a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, with PTO/SB/08A Form. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> First Preliminary Amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

1AP20 Rec'd PCT/PTO 03 MAY 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>9</b> Not Yet Assigned		INTERNATIONAL APPLICATION NO. PCT/JP2004/015891		ATTORNEY'S DOCKET NUMBER 31869-230505	
20. <input checked="" type="checkbox"/> Other items or information: <b>Return Receipt Postcard</b> <b>Form PCT/IB/308 (first notice) and PCT/IB/308 (second and supplementary notice)</b> <b>International Search Report (Form PCT/ISA/210)</b> <b>Submission of Drawings transmittal w/drawings (9 sheets figs. 1-9)</b> <b>Face Page WO 2005/043772 A2</b> <b>Written Opinion (Form PCT/IPEA/408)</b> <b>Form PCT/IPEA/409 and Form PCT/IPEA/416</b> <b>Article 34 (2) (b) Amendment, Article 34 (2)(d) Response and English translation of</b> <b>Claim 4 in the Article 34 (2) (b) Amendment</b> <b>Article 19(1) Amendment</b>					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
49 - 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	8 - 20 =		x	0.00	
Independent claims	1 - 3 =		x	0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	40.00
<b>TOTAL FEES ENCLOSED =</b>				\$ 940.00	
				Amount to be refunded:	\$
				Amount to be charged	\$ 940.00

10/577989

PTO-1390 (Rev. 07-2005)

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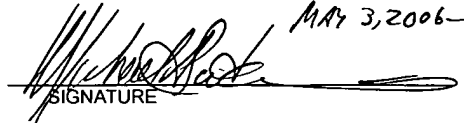
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AP20060503 PTO 03 MAY 2006

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 22-0261 in the amount of \$ 940.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

Michael A. Sartori, Ph.D.  
NAME

CUSTOMER NUMBER: 26694

41,289  
REGISTRATION NUMBER

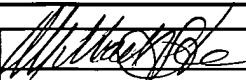
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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Masashi TAKADA
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	31869-230505
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	940.00

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify):	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b> (All the fees below are due upon filing or may be subject to a surcharge.)								
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>								
Application Type	Fee (\$)	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
		Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100		
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		
<b>2. EXCESS CLAIM FEES</b>								
<b>Fee Description</b>							<b>Small Entity Fee (\$)</b>	
Each claim over 20 (including Reissues)							50	
Each independent claim over 3 (including Reissues)							200	
Multiple dependent claims							360	
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>			
8		- 20 =	x	=	<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
HP = highest number of total claims paid for, if greater than 20.								
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
1		- 3 =	x	=				
HP = highest number of independent claims paid for, if greater than 3.								
<b>3. APPLICATION SIZE FEE</b>								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 100 =	/50	(round up to a whole number) x		=				
<b>4. OTHER FEE(S)</b>								
Non-English Specification, \$130 fee (no small entity discount)								
Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ...							40.00	
1631 Basic National Stage fee							300.00	
1642 National Stage Search Fee - search report ...							400.00	
1633 National Stage Examination Fee - all other ...							200.00	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	41,289
Name (Print/Type)	Michael A. Sartori, Ph.D.	Telephone	(202) 344-4000
		Date	May 3, 2006

#747252

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Masashi TAKADA

International Application No.:  
PCT/JP2004/015891

International Filing Date:  
October 27, 2004

Appl. No. To Be Assigned

Art Unit: To Be Assigned

Confirmation No. To Be Assigned

Examiner: To Be Assigned

Filed: May 3, 2006

Atty. Docket No. 31869-230505

For: ECHO CANCELLER

Customer No.



**Submission of Formal Drawings**


Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant submits herewith nine (9) sheet of formal drawings, containing Figures 1-9.

Respectfully submitted,

Date: May 3, 2006

  
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